**Supplementary File 2. FCs of voxels showing significant correlation with SI across subjects in frontal cortex.**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| FC number | Connected regions | BA | Size | Peak coordinate | *r* | *P* |
| MNI (*x, y, z*) |
| 1 | Frontal\_Inf\_Oper\_R | 46 | 80 | (48,15,28.5) | -0.65 | 0.0001 |
| 2 | Precentral\_R | 4/6 | 106 | (33, -25.5,63) | 0.72 | 0.0000 |
| 3 | Precentral\_L | 6 | 26 | (-30, -24,72) | 0.66 | 0.0001 |

Single voxel threshold *P* < 0.005 (t > 3.057 or t < -3.057), adjacent size ≥ 22 voxels (AlphaSim corrected).